



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 2197

SERIAL NUMBER 10/777,026	FILING DATE 02/11/2004  RULE	CLASS 216	GROUP ART UNIT 1765	ATTORNEY DOCKET NO. 8033/ETCH
-----------------------------	---------------------------------------	--------------	------------------------	-------------------------------------

## APPLICANTS

Mark N. Kawaguchi, Mountain View, CA;

James S. Papanu, San Rafael, CA;

Scott Williams, Sunnyvale, CA; Matthew Fenton Davis, Brookdale, CA;

## \*\* CONTINUING DATA \*\*\*\*\*

This appln claims benefit of 60/447,406 02/14/2003

BT

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

None  
BT

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 05/10/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature <u>B. N. Tran</u> Initials	STATE OR COUNTRY CA	SHEETS DRAWING 5	TOTAL CLAIMS 34	INDEPENDENT CLAIMS 3
------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------	------------------------	-----------------------	----------------------------

## ADDRESS

55649  
 MOSER IP LAW GROUP / APPLIED MATERIALS, INC.  
 1040 BROAD STREET  
 2ND FLOOR  
 SHREWSBURY, NJ  
 07702

## TITLE

Method and apparatus for removing a halogen-containing residue

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
------------	---------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------